

Practitioner's Docket No. 16139/09038

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Thomas A. Davis

Application No.: 10/632,369

Group No.: 1723

Filed: 08/01/2003

Examiner: Krishnan S. Menon

For: PRODUCTION OF PURIFIED WATER AND HIGH VALUE CHEMICALS FROM SALT WATER

**Mail Stop DD**

**Commissioner for Patents**

**P.O. Box 1450**

**Alexandria, VA 22313-1450**

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)**

I hereby certify that the attached correspondence comprising:

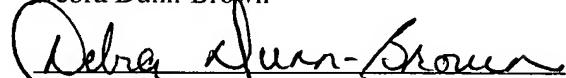
1. Information Disclosure Statement Transmittal Letter (2 pages)
2. Information Disclosure Citation in an Application (1 page)
3. References Cited (23 each)
4. Return Postcard (1 page)

is being deposited with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to:

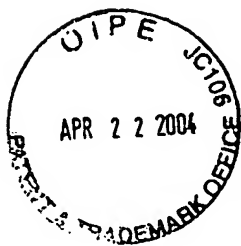
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on Apr. 20, 2004.

Debra Dunn-Brown



Signature of person mailing paper



DOCKET NO: 16139/09038

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of Thomas A. Davis	)	Examiner: Krishnan S. Menon
	)	
Serial No: 10/632,369	)	Art Unit: 1723
	)	
Filed: August 1, 2003	)	Deposit Account: 50-2548
	)	
Title: Production of Purified Water and High	)	
Value Chemicals from Salt Water	)	
	)	

**INFORMATION DISCLOSURE STATEMENT**  
**TRANSMITTAL LETTER**

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

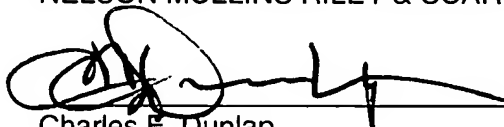
Dear Sir:

Pursuant to 37 C.F.R 1.56, 1.97 and 1.98, Applicant is submitting the art shown on the attached list for consideration by the Examiner. By this submission, it is not admitted that any of the listed references are, in fact, prior art. The Examiner is respectfully requested to make an independent search and evaluation of all relevant prior art.

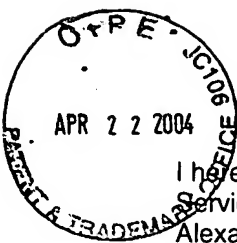
This Information Disclosure Statement is being filed prior to the mailing of a first office action on the merits and, therefore, no additional filing fee or certification is required.

Respectfully requested,  
NELSON MULLINS RILEY & SCARBOROUGH

April 20, 2004  
Date

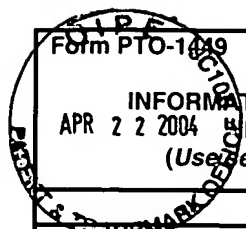
  
Charles E. Dunlap  
Registration No. 35,124

P.O. Box 11070  
Columbia, SC 29211-1070  
Phone: (864) 250-2238  
Fax: (803) 256-7500



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Debra Dunn-Brown Debra Dunn Brown  
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Form PTO-1019

**INFORMATION DISCLOSURE CITATION**  
**APR 22 2004** IN AN APPLICATION  
 (Use several sheets if necessary)

Docket Number Optional  
 16139/09038

Application Number  
 10/632,369

Applicant  
 Thomas A. Davis

Filing Date  
 August 1, 2003

Examiner

Group Art Unit  
 1723

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6	5	0	8	9	3	6	01/21/03	Hassan	210	652	
	6	3	9	1	2	0	5	05/21/02	McGinnis	210	644	
	6	0	3	0	5	3	5	02/29/00	Hayashi et al.	210	652	
	5	3	8	5	6	5	0	01/31/95	Howarth et al.	204	103	
	5	3	7	6	2	5	0	12/27/94	Hamano	204	182.4	
	5	1	2	4	0	1	2	06/23/92	Berleyev	204	180.1	
	5	0	6	4	5	0	5	11/12/91	Borgren	202	202	
	4	8	0	8	2	8	7	02/28/89	Hark	204	182.5	
	4	1	4	1	8	2	5	02/27/79	Conger	210	23	
	4	0	8	3	7	8	1	04/11/78	Conger	210	23	
	4	0	3	6	7	4	9	07/19/77	Anderson	210	23	
	3	9	3	3	6	1	0	01/20/76	Ehara et al.	204	180	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	Translation	
						YES	NO
	GB 759,275	10/17/56	Arden et al.	41			

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

	Unites States Patent Application Publication, Pub. No. US 2002/0166758 A1, November 14, 2002
	Article from Desalination. 2003 Feb.; 158; pp. 277-280 by M. Pontié et al. entitled Seawater Nanofiltration (NF): Fiction or Reality?
	Article from Desalination 1995 April; 103; pp. 165-176 by T. Wen et al. entitled Modelling the Cross Flow Spirally Wound Electrodialysis (SpED) Process.
	Article from Desalination 1995; 101; pp. 79-91 by T. Wen et al. entitled Spirally Wound Electrodialysis (SpED) Modules.
	Article from Journal of Membrane Science. 2003 May; 222; 71-86 by Y. Tanaka et al. entitled Ion-exchange Membrane Electrodialytic Salt Production Using Brine Discharged from a Reverse Osmosis Seawater Desalination Plant.
	Article from Desalination. Nov. 2001; 135; pp. 121-139 by M. AK. Al-Sofi entitled Seawater Desalination – SWCC Experience and Vision.
	Published report by Atsushi Tomita based on the lecture titled "Salt & Chlor-Alkali Plant in Kuwait by All-membrane Process" given at the 33 <sup>rd</sup> Electrodialysis Symposium held on November 10, 1987.
	Product Specification booklet for Neosepta Ion-Exchange Membranes by Tokuyama Corporation
	Product Specification sheet for Filmtec Membranes published May 2002.
	A book published by Wiley-Interscience. Aug. 1972; pp. 83-106 by Robert E. Lacey et al. entitled Industrial Processing with Materials.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.